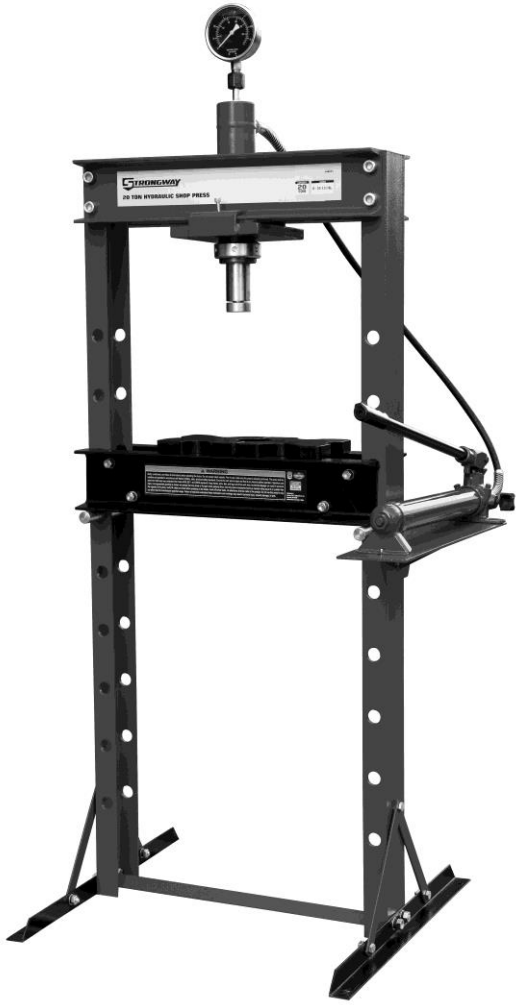
20-TON HYDRAULIC SHOP PRESS

OWNER'S MANUAL



⚠ WARNING:

Read carefully and understand all **ASSEMBLY AND OPERATION INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

Item# 46271

Thank you very much for choosing a Strongway product! For future reference, please complete the owner's record below:

Model: _____ Purchase Date: _____

Save the receipt, warranty and these instructions. It is important that you read the entire manual to become familiar with this product before you begin using it.

This machine is designed for certain applications only. The distributor cannot be responsible for issues arising from modification. We strongly recommend this machine not be modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the machine until you have first contacted the distributor to determine if it can or should be performed on the product.

For technical questions please call **1-800-222-5381.**

INTENDED USE

This Shop Press is designed for automotive, truck, implement, fleet, and industrial repair shops where pressing, bending, straightening and forming, is required. Typical applications include installation and removal of alternator and power steering pump bearings, axle bearings, transmission bearings, seals, u-joints and others.

TECHNICAL SPECIFICATIONS

	Description
Item	**46271**
Capacity	20 Ton
Bed Opening	3-15/16 in
Work Range	0~ 35-13/16 in
Stroke Length	7-1/4 in
Inside Bed Dimensions L x W	3-15/16 x 21-1/4 in
Dimensions L x W x H	25-3/16 x 27-9/16 x 71-1/4 in

Safe Operating Temperature is between 40°F – 105°F (4°C - 41°C)

GENERAL SAFETY RULES

WARNING: Read and understand all instructions. Failure to follow all instructions listed below may result in serious injury.

CAUTION: Do not allow persons to operate or assemble this Jack until they have read this manual and have developed a thorough understanding of how the Jack works.

WARNING: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions or situations that could occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY CONSIDERATIONS

SHOP PRESS USE AND CARE

- **Do not modify the Shop Press in any way.** Unauthorized modification may impair the function and/or safety and could affect the life of the equipment. There are specific applications for which the **Shop Press** was designed.
- **Always check of damaged or worn out parts before using the Shop Press.** Broken parts will affect the **Shop Press** operation. Replace or repair damaged or worn parts immediately.
- **Store idle Shop Press.** When **Jack** is not in use, store it in a secure place out of the reach of children. Inspect it for good working condition prior to storage and before re-use.
- **Not for use by children** or people with reduced mental capacity.
- **Do not use under the influence of drugs or alcohol.**
- **Ensure children and other bystanders** are kept at a safe distance when using press.

INSPECTION

- Inspect the press carefully before each use. Ensure the press is not damaged, excessively worn, or missing parts.
- Do not use the press unless it is properly lubricated.
- Using a press that is not in good clean working condition or properly lubricated may cause serious injury.
- Inspect the work area before each use. Make sure it is free and clear of any potential hazards.

DO NOT OPERATE OR REPAIR THIS EQUIPMENT WITHOUT READING THIS MANUAL.

To maintain the Shop Press and user safety, the responsibility of the owner is to read and follow these instructions. Inspect the service shop press for proper operation and function. Keep instructions readily available for equipment operators. Make certain all equipment operators are properly trained; understand how to safely and correctly operate the unit. Allow unit operation only with all parts in place and operating properly. Use only genuine replacement parts. Service and maintain the unit only with authorized or approved replacement parts negligence will make the shop press unsafe for use and void the warranty. Carefully inspect the unit on a regular basis and perform all maintenance as required. Store these instructions in the handle of your shop press. Keep all decals on the unit clean and visible.

SAFETY

Always follow safety precautions when installing and operating this shop press. Keep all decals on the unit clean and visible. Before proceeding that you fully understand and comprehend the full contents of this manual. Failure to operate this equipment as directed may cause injury or death. The distributor is not responsible for any damages or injury caused by improper use or neglect

SAFETY MARKINGS

WARNING:

1. Study, understand, and follow all instructions before operating the device.
2. Do not exceed rated capacity.
3. Prior to use, make sure the press is securely anchored.
4. The press shall be installed and operated in accordance with federal (OSHA), state, and local safety standards.
5. Ensure the work area is clean and free of any hazards before operation.
6. Operators and observers shall wear eye protection that meets ANSI Z87.1 and OSHA standards.
7. Keep hands, arms, feet, and legs out of the work area. Accidental slippage can result in personal injury.
8. Use appropriate guarding to contain any pieces that may break or fly apart when applying force.
9. Use only press accessories having a capacity rating equal to or greater than the capacity of the press.
10. Verify lift cables are slack before pressing on the bolster.
11. Avoid off-center loads.
12. No alterations shall be made to the product.
13. Do not use this press for any use other than the manufacturer specified usage.
14. Failure to heed and understand these instructions and markings may result in personal injury, property damage, or both.

GENERAL SAFETY INSTRUCTIONS

PLEASE READ THESE INSTRUCTIONS CAREFULLY.NOTE THE SAFETY INSTRUCTIONS AND WARNING.USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE OF WHICH IT IS INTENDED.FAILURE TO DO SO MAY CAUSE DAMAGE TO PROPERTY AND/OR SERIOUS PERSONAL INJURY. PLEASE KEEP THIS INSTRUCTION MANUAL SAFE FOR FUTURE USE.

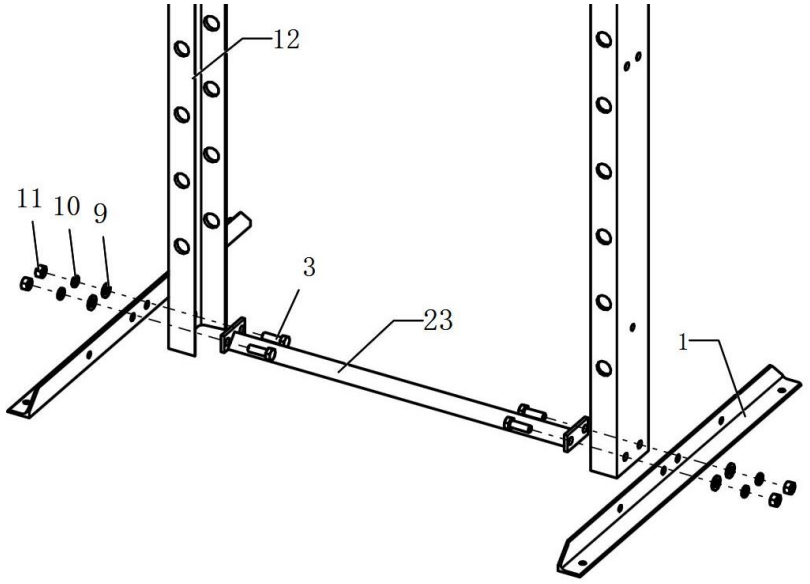
We've done all we can to assure this press offers the utmost in safety, but you have to do your part. No amount of warning can take the place of your good judgment, so make sure it's the first thing you bring to any job. Beyond that here are some obvious tips:

- Steel and other materials can shatter, so always use protective eye-wear that complies with the appropriate ANSI code.
- If you detect anything that may indicate imminent structural failure, stop using the press immediately and inspect it thoroughly.
- Bolt the press to the floor if it is to be used on bulky or unstable items.
- Do not use press to compress springs or any other item that could disengage and cause a potential flying hazard.
- Use this press for the purpose for which it is intended. Do not use it for any other purpose it is not designed to perform.
- Keep children and unauthorized persons away from the work area.
- Remove loose fitting clothing. Remove ties, watches, rings and other loose jewelry and contain long hair.
- Wear ANSI approved impact safety goggles, full-face impact safety shield and heavy-duty work gloves when operating the press.
- Keep proper balance and footing, do not over-reach and wear nonskid footwear.
- Only use this press on a surface that is stable, level, dry and not slippery, and capable of sustaining the load. Keep the surface clean, tidy and free form unrelated materials and ensure that there is adequate lighting.
- Inspect the press before each use. Do not use if bent, broke, cracked, leaking or otherwise damaged. Any suspect parts are noted or it has been subjected to a shock load.
- Check to ensure that all applicable bolts and nuts are firmly tightened.
- Ensure that work piece is center-loaded and secure.
- Keep hands and feet away from bed area at all times.
- Do not use the shop press to compress spring or any other item that could disengage and cause a potential hazard. Never stand directly in front of loaded press and never leave loaded press unattended.
- Do not operate the press when you are tired or under the influence of alcohol, drugs or an intoxicating medication.
- Do not allow untrained persons to operate the press.
- Do not make any modifications to the press.
- Do not use brake fluid or any other improper fluid and avoid mixing different types of oil when adding hydraulic oil. Only good quality hydraulic jack oil can be used.
- Do not expose the press to rain or any other kind of bad weather.
- If the press needs repairing and/or there are any parts that need to be replaced, have it repaired by authorized technicians and only use the replacement parts supplied by the manufacturer.

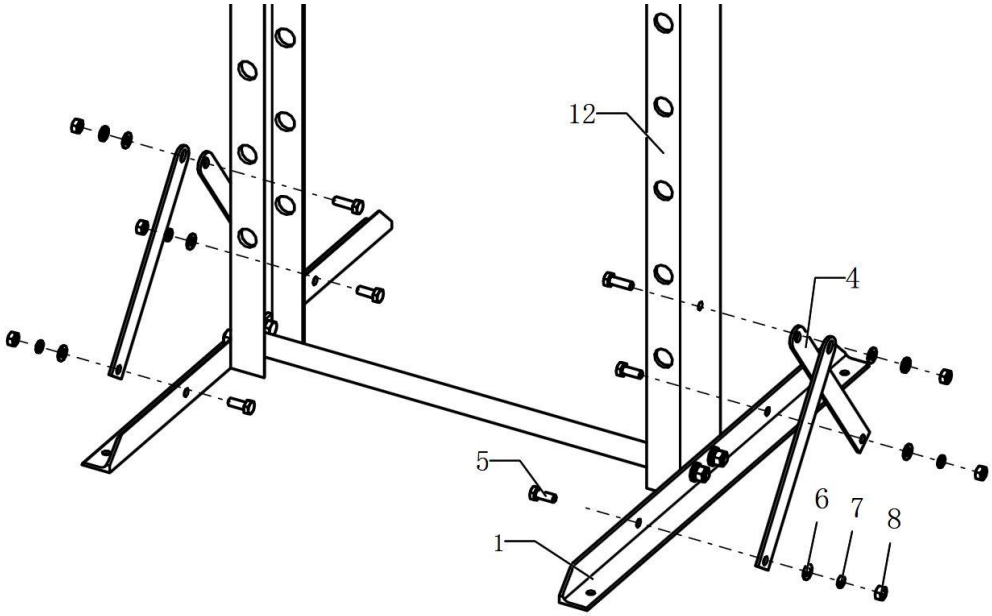
ASSEMBLY

Use the exploded drawing as your guide to assembly. Lay all parts and assemblies out in front of you before beginning. The following procedure is recommended:
All numbers in parenthesis () refer to the index number from the parts breakdown.
Use caution as parts may be heavy in weight and can cause pinch points to hands, body and feet.

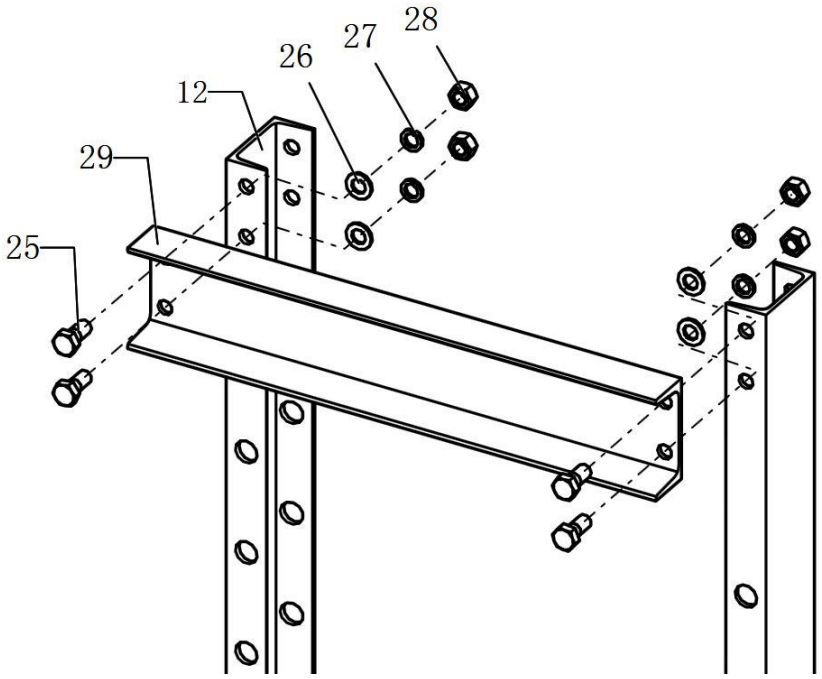
1. Attach the two base support sections (01) and lower cross member (23) to the frame (12) using bolts (03), washers (09), lock washers (10) and nuts (11).



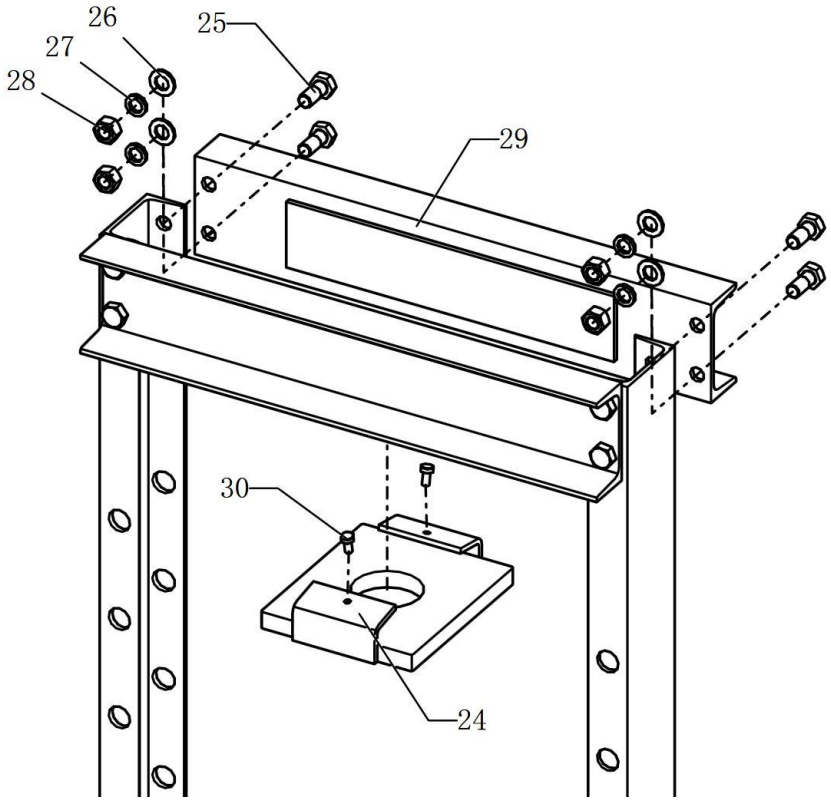
2. Fix one end of side support rails (04) to the base support sections (01) and another end to the frame (12) using bolts (03), washers (06), lock washers (07) and nuts (08).



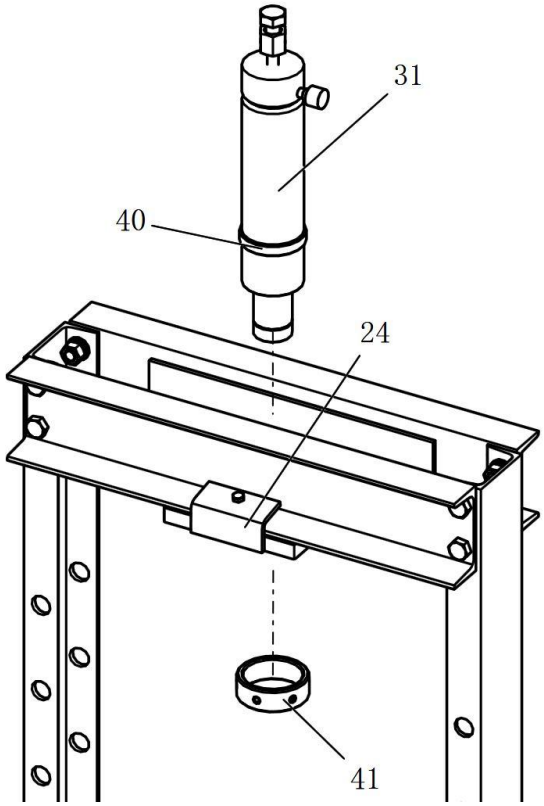
3. Put the press frame in the upright position, attach one upper cross beam (29) to left and right frame (12) using bolts (25), washer (26).lock washer (27) and nuts (28).



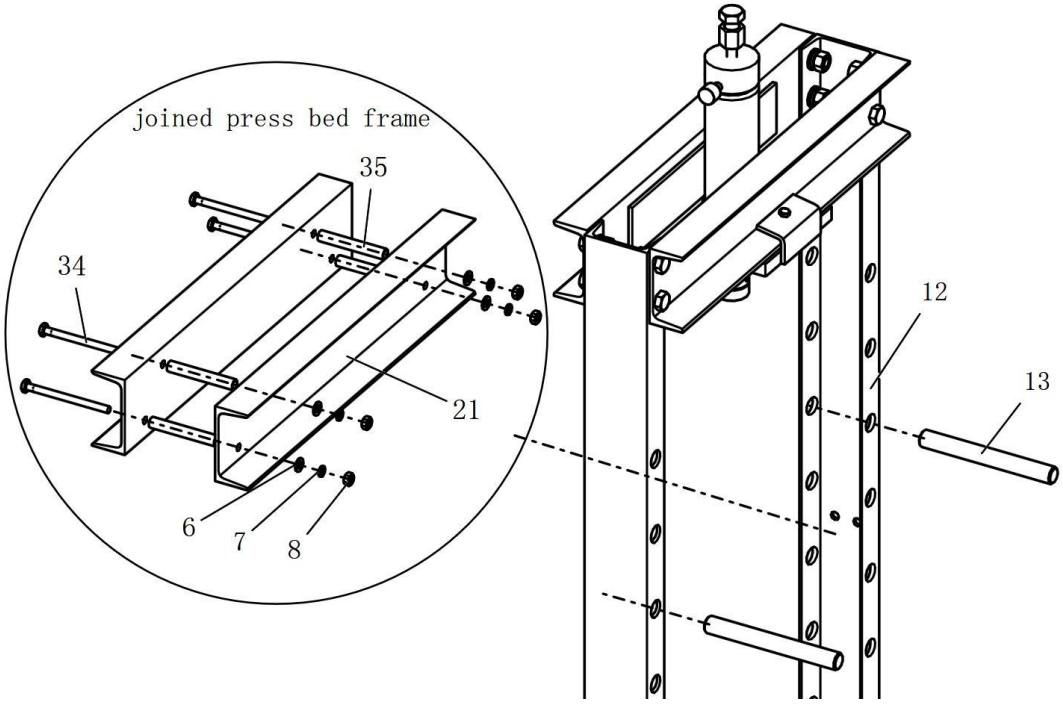
4. Put the opposing upper crossbeam (29) into position and insert the cylinder support plate (24) below the two upper cross beams at the same time, then secure this cross beam to the frame using bolts (25), washers (26).lock washers (27) and nuts (28).



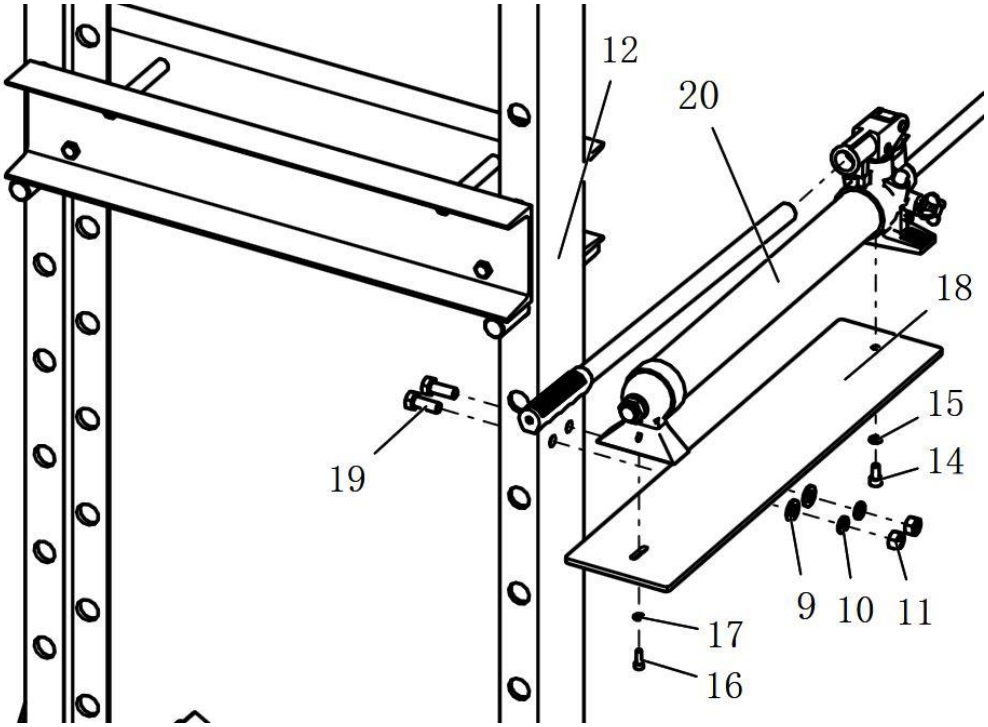
5. Insert the hydraulic cylinder (31) from the top side of frame. Once the cylinder is inserted into the frame support plate (24) make sure that the round lifting ring (40) is seated flat on the cylinder support plate (24). Then attach the round threaded nut (41) to the hydraulic cylinder. Turn clockwise to screw the round nut onto threaded shaft on the ram. Tighten round nut (41).



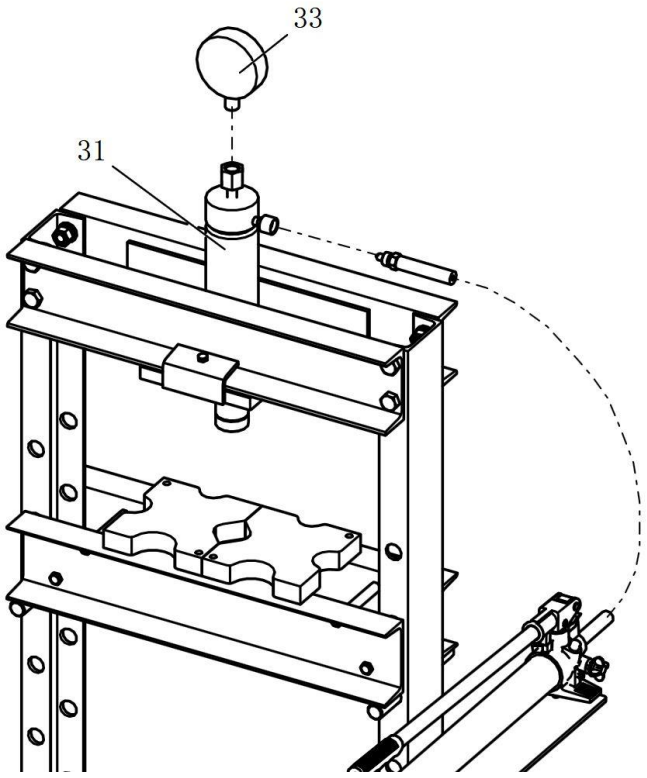
6. Insert the bed frame pins (13) into the frame holes. Then insert the joined press bed frame (21) between the press frame and onto bed frame pins.



7. Attach the pump assembly plate(18) to the right frame using bolts (19), washers (09), lock washers (10) and nuts (11), then secure the pump assembly using screws (16) and washer (17). When this step is complete insert the handle to the handle bracket.



8. Locate the hydraulic hose fitting on the cylinder and install the pressure gauge (33) to the pressure gauge connection fitting, on the top of the hydraulic cylinder (31).

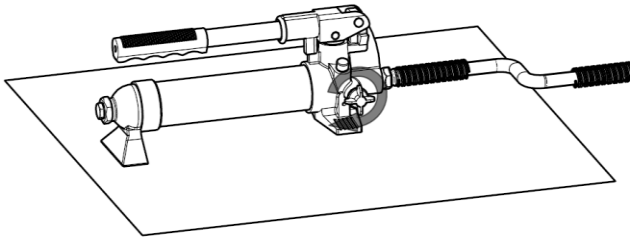


9. Tighten all bolts and screws.

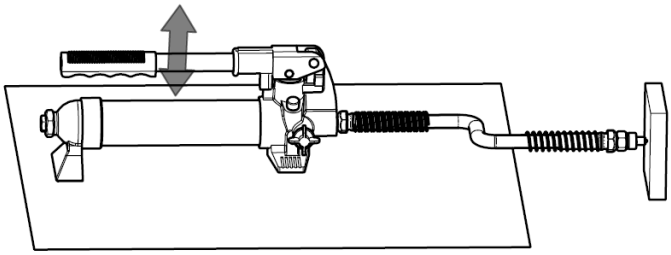
SYSTEM AIR PURGE PROCEDURE

Perform the following Air Purge Procedure to remove any air that may have been introduced into the hydraulic system as a result of product shipment and handing. This step is to be completed without and weight on the shop press.

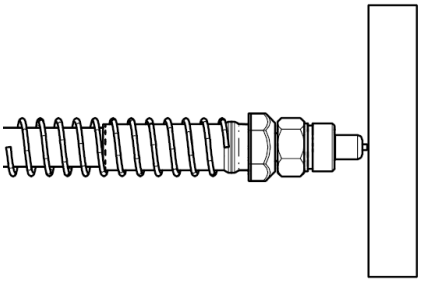
1. Firmly close the Release Valve by turning it clockwise.



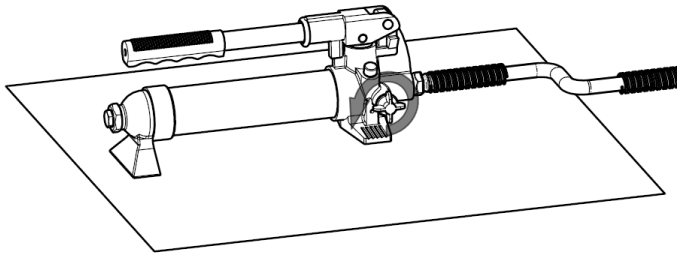
2. Press the tip of the Hydraulic Hose Coupling against a hard surface and pump the pump handle.



3. Continue pumping until the hydraulic fluid coming out from the end of the coupler tip is free of air bubbles.



4. Check the oil level and add oil if necessary. (See instruction in Maintenance Section “To Add Oil”.)
5. Turn the Release Valve counter-clockwise to release the pressure in the pump and hose.



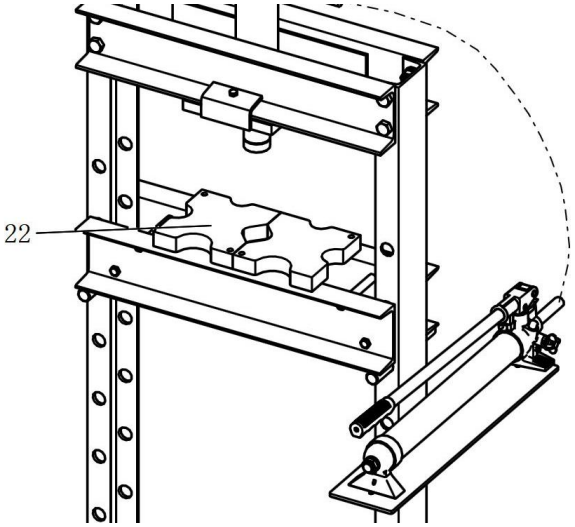
BEFORE USE

1. Before using this product, read the owner's manual completely and familiarize yourself thoroughly with the product and the hazards associated with its improper use.
2. Perform the air purge procedure. (See previous instructions for system purge procedure.)
3. Inspect before each use. Do not use if bent, broken or cracked components are noted.

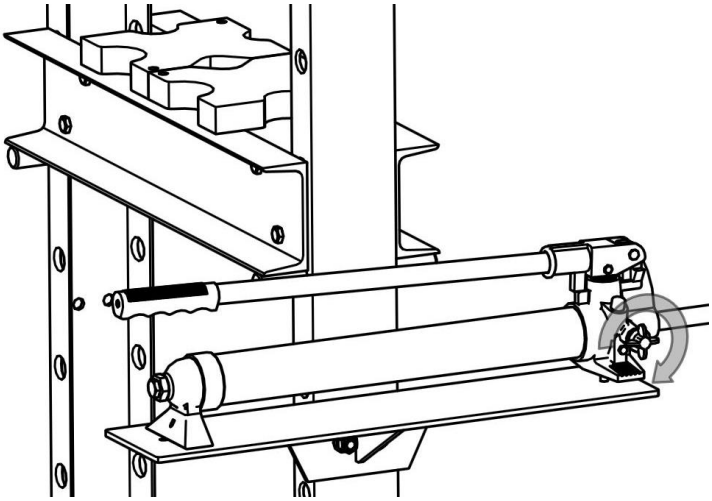
OPERATION

All numbers in parenthesis () refer to the index number from the parts breakdown.

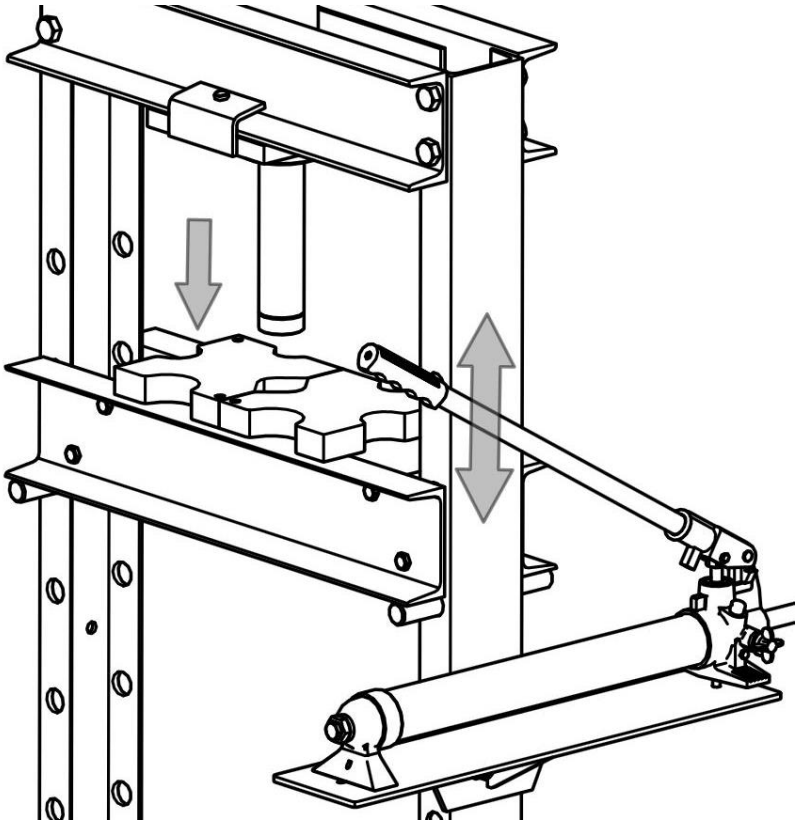
1. Adjust the bed frame pins (13) to desired height. Ensure bed frame is fully rested on the bed frame pins.
2. Place the bolster plates (22) on press bed frame (21), then insert work piece onto the bolster plates.



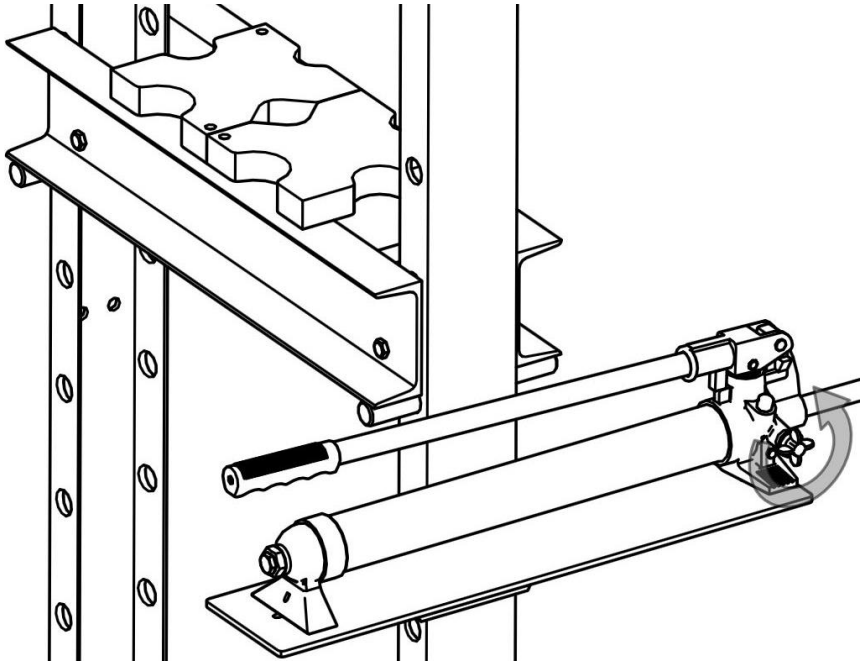
3. Place work piece on the bed frame or pressing block, use every precaution necessary to ensure safety and to prevent accidents. Position work piece in a manner which will not allow it to inadvertently fall from the bed frame or pressing block.
4. Close the release valve by turning it clockwise until it is firmly closed.



5. Pump the handle until ram nears work piece. Align work piece and ram to ensure center-loading. Pump the handle to apply load onto work piece.
6. Align ram and work piece to ensure center loading.



7. When work is completed, stop pumping the handle. Slowly turn the release valve counter-clockwise in small increments until ram is free from work piece.
8. Once ram has fully retracted, remove workplace from bed frame. Cautiously remove work piece from press.



MAINTENANCE INSTRUCTIONS

If you use and maintain your equipment properly, it will give you many years of service. Follow the maintenance instructions carefully to keep your equipment in good working condition. Never perform any maintenance on the equipment while it is under a load.

Inspection

You should inspect the product for damage, wear, broken or missing parts (e.g.: pins) and that all components function before each use. Follow lubrication and storage instructions for optimum product performance.

Binding

If the product binds while under a load, use equipment with equal or a larger load capacity to lower the load safely to the ground. After un-binding; clean, lubricate and test that equipment is working properly. Rusty components, dirt, or worn parts can be causes of binding Clean and lubricate the equipment as indicated in the lubrication section. Test the equipment by lifting without a load. If the binding continues contact Customer Service.

Cleaning

If the moving parts of the equipment are obstructed, use cleaning solvent or another good degreaser to clean the equipment. Remove any existing rust, with a penetrating lubricant.

Lubrication

This equipment will not operate safely without proper lubrication. Using the equipment without proper lubrication will result in poor performance and damage to the equipment. Some parts in this equipment are not self-lubricating inspect the equipment before use and lubricate when necessary. After cleaning, lubricate the equipment using a high grade light penetrating oil or lubricating spray.

-For light duty use lubrication once a month.

-For heavy and constant use lubrication recommended every week.

-NEVER USE SANDPAPER OR ABRASIVE MATERIAL ON THESE SURFACES!

Rust Prevention:

-Check rams and pump plungers on the power unit assemblies daily for any signs of rust or corrosion. Without a load on the equipment extended hydraulic rams to check if signs of rust are visible clean as needed.

How the Ram Operates

With release valve closed, an upward stroke of the jack handle draws oil from the reservoir tank into the plunger cavity. Hydraulic pressure holds the valve closed, which keeps the oil in the plunger cavity. A downward stroke of the jack handle releases oil into the cylinder, which forces the ram out. This extends the ram. When the ram reaches maximum extension, oil is bypassed back into the reservoir to prevent an over extended ram stroke and possible damage to the jack. Opening the release valve allows oil to flow back into reservoir. This releases hydraulic pressure on the ram, which results in lowering the ram.

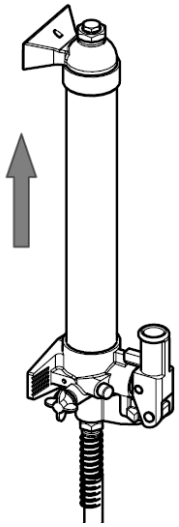
Storing the Ram

1. Fully Retract Ram after use.
2. Place the handle in the upright position.
3. Store in a dry location, recommended indoors.

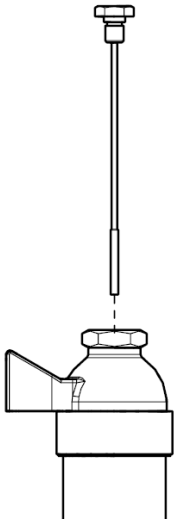
Note: If the press is stored outdoors, be sure to lubricate all parts before and after use to ensure the press stays in good working condition.

To Add Oil:

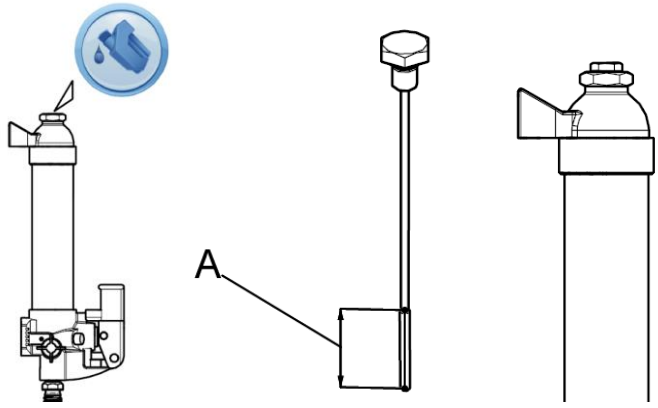
1. Set Pump Unit upright on a level surface.



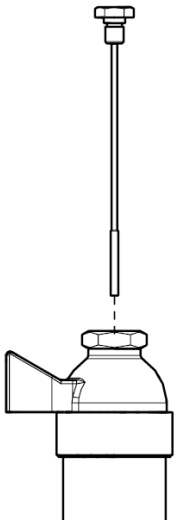
2. Remove the Screw with its attached dipstick.



3. Add 0.22 quarts (about 7.43oz., or 770ml) of oil. The oil level should be near Position (A). Use a high grade anti-foaming hydraulic oil.
   KEEP DIRT AND OTHER MATERIALS CLEAR WHEN POURING.



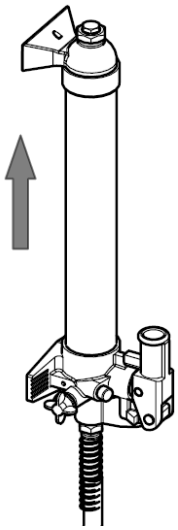
Replace the Oil Fill Screw.



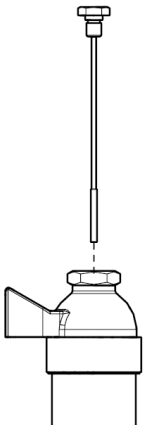
4. Perform the Air Purge Procedure.

To Replace Oil:

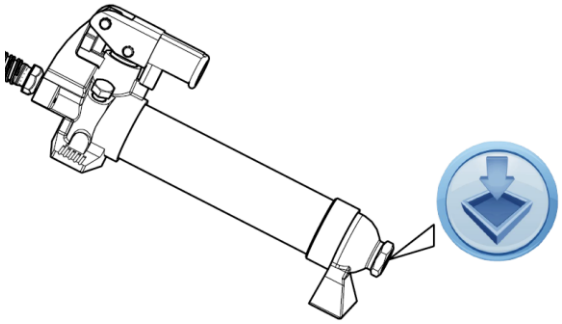
1. Set Pump Unit upright on a level surface.



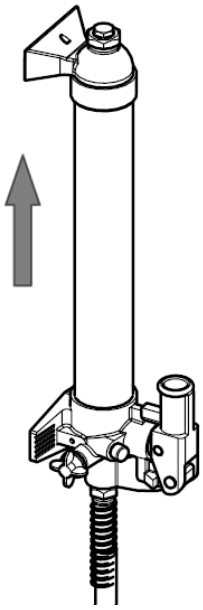
2. Remove the screw with its attached dipstick .



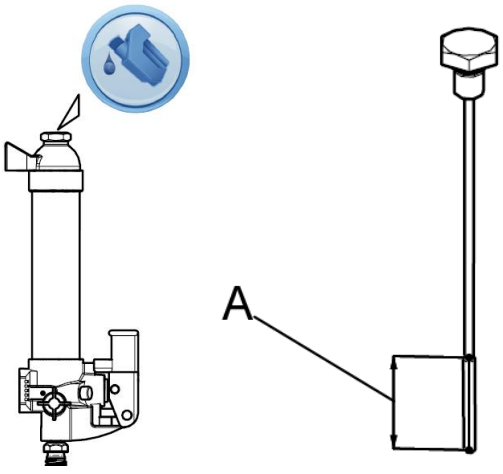
3. Turn the Pump Unit on its side so that old oil will drain from the oil fill hole.



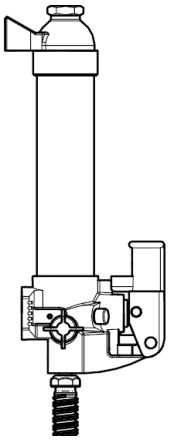
4. Set Pump Unit upright on a level surface.

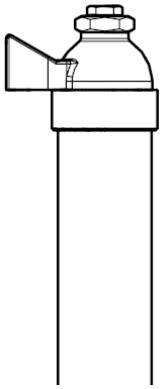


5. Add 0.22 quarts (about 7.43oz., or 770ml) of oil. The oil level should be near Position (A). Use a high grade anti-foaming hydraulic oil.
   KEEP DIRT AND OTHER MATERIALS CLEAR WHEN POURING.



6. Replace the Oil Fill Screw.





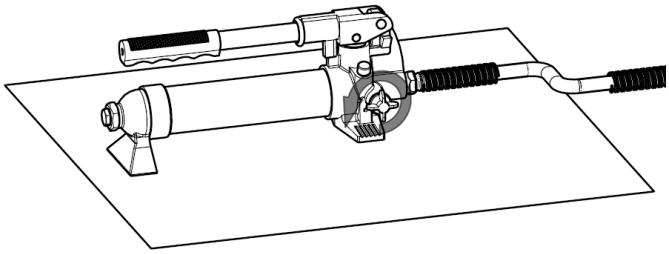
7. Perform the Air Purge Procedure.

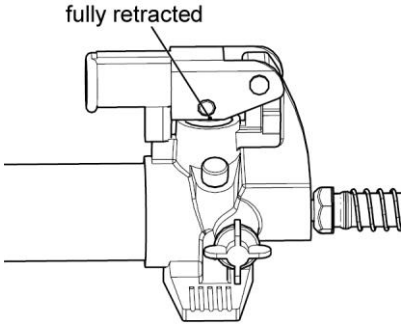
ADDITIONAL WARNINGS:

- DO NOT USE MOTOR OIL IN THE JACK.
- ONLY USE ANTI-FOAMING JACK OIL.
- ALWAYS USE A GOOD GRADE HYDRAULIC JACK OIL.
- DO NOT USE HYDRAULIC BRAKE FLUID, ALCOHOL, GLYCERINE, DETERGENT, MOTOR OIL OR DIRTY OIL.
- USE OF A NON-RECOMMENDED FLUID CANCAUSE DAMAGE TO A JACK.
- AVOID MIXING DIFFERENT TYPES OF FLUID AND NEVER USE BRAKE FLUID, TURBINE OIL, TRANSMISSION FLUID, MOTOR OIL OR GLYCERIN. IMPROPER FLUID CAN CAUSE PREMATURE FAILURE OF THE JACK AND THE POTENTIAL FOR SUDDEN AND IMMEDIATE LOSS OF LOAD.
- DISPOSE OF HYDRAULIC FLUID IN ACCORDANCE WITH LOCAL REGULATIONS.

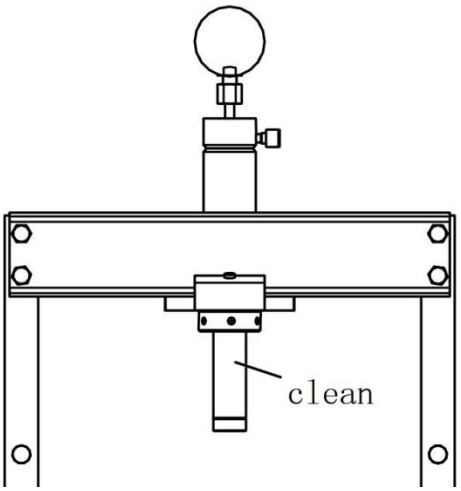
LUBRICATION

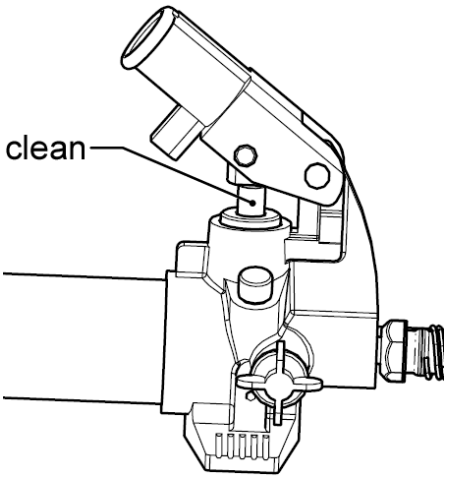
1. Clean the outside of the press with a dry, clean, and soft cloth. Periodically lubricate all joints and moving parts with a long lasting lubrication oil. Apply as needed.
2. When not in use, the Pump Unit should be stored with the Release Valve open and the Pump Piston fully retracted.



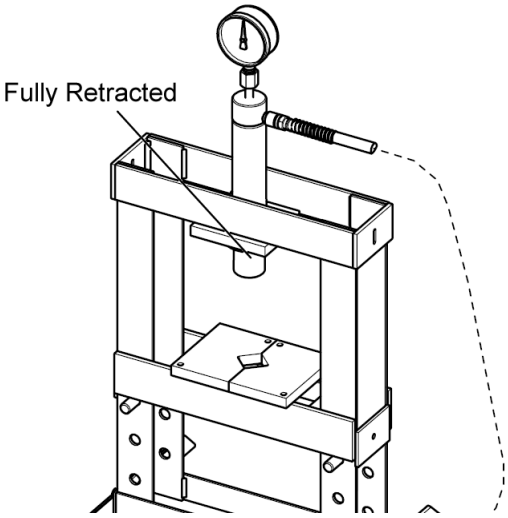


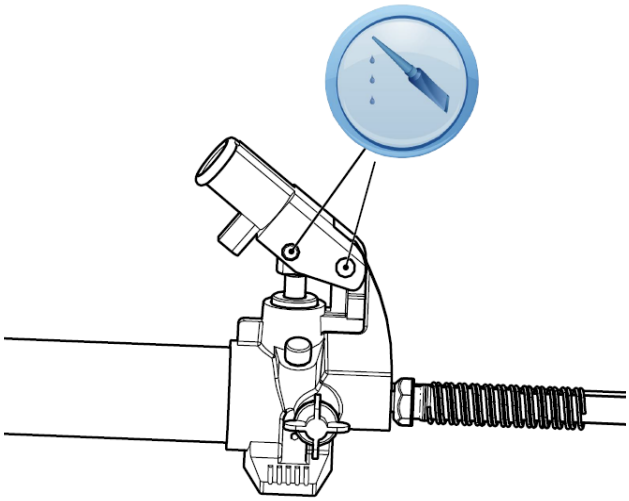
3. Periodically check the pump piston and ram for signs of rust or corrosion. Clean as needed and wipe with a soft non-abrasive clean cloth.

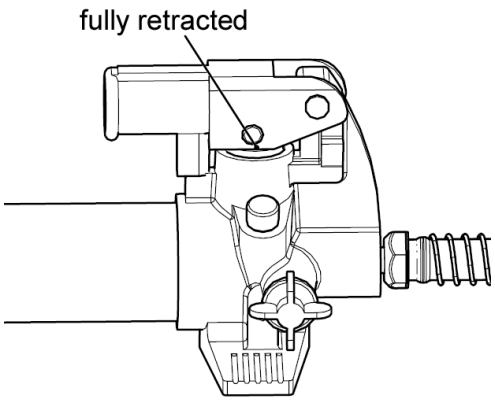




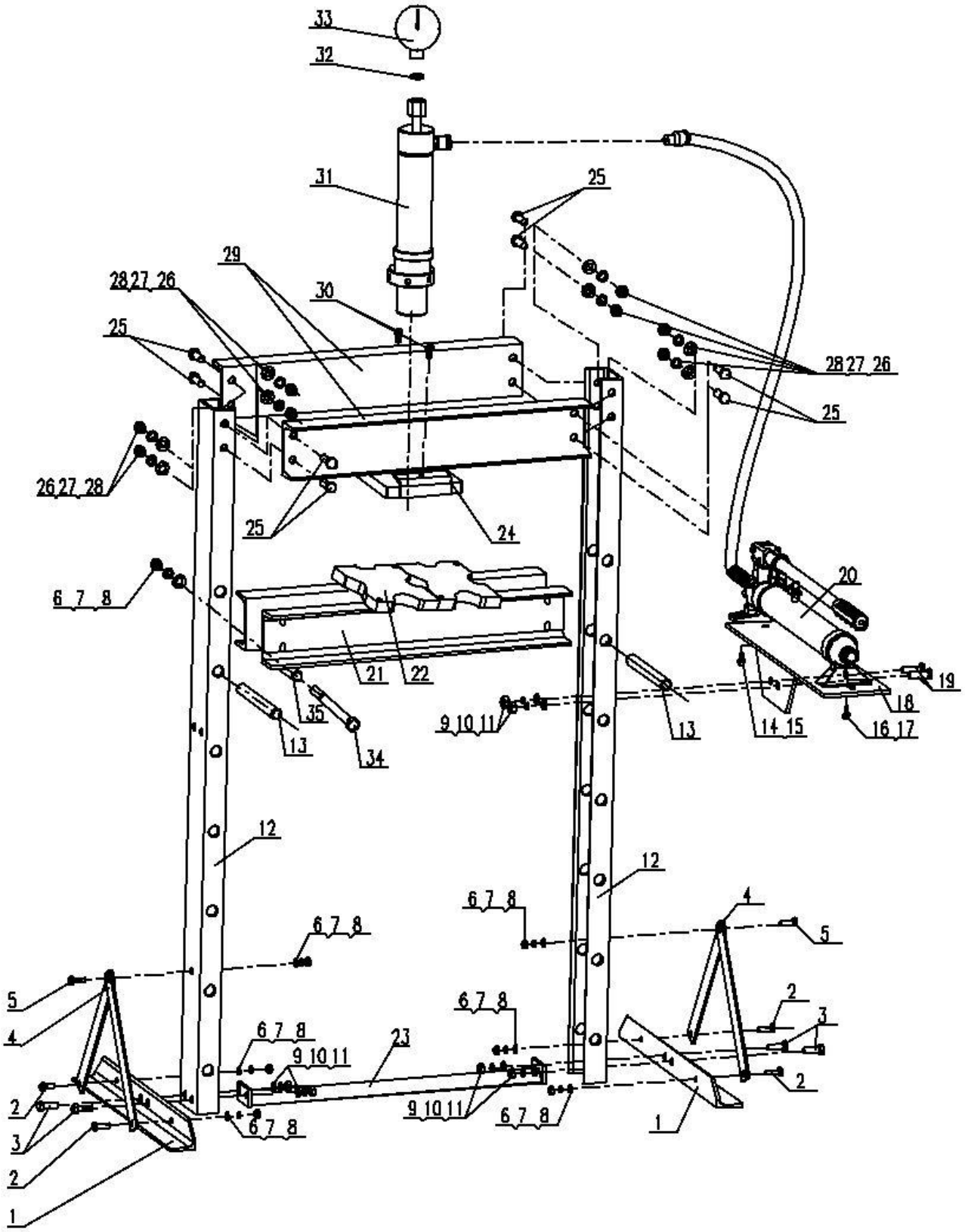
4. A coating of light lubricating oil to pivot points. Axles and hinges will help to prevent rust.
   When not in use, store the press in a dry location with ram and pump piston fully retracted. Periodically check the rams for signs of rust or corrosion. Clean as needed and wipe with a soft non-abrasive clean cloth.







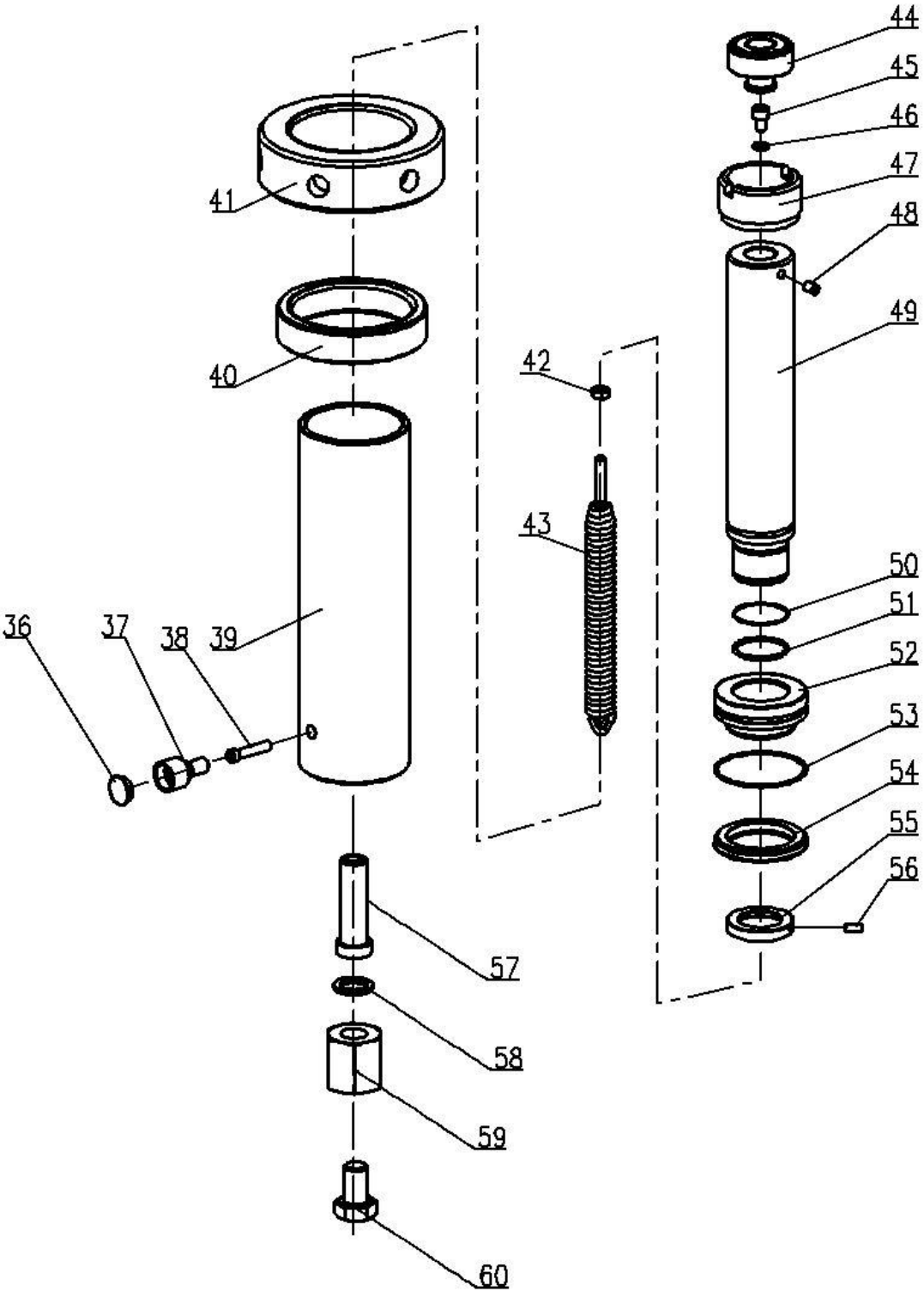
ASSEMBLY DIAGRAM



ASSEMBLY PARTS LIST

Index #	Description	Part No.	Qty.
1	Base Supports Sections	TY20001-07	2
2	Nuts Bolt M10x25	GB5783	4
3	Nuts Bolt M12x35	GB5782	4
4	Side Support Rails	TY12002-02	4
5	Nuts Bolt M10x30	GB5783	2
6	Washer 10	GB97.1	10
7	Spring washer 10	GB93	10
8	Nuts M10	GB6170	10
9	Washer 12	GB97.1	6
10	Spring washer 12	GB93	6
11	Nuts M12	GB6170	6
12	Frame	TY20005-01	2
13	Support Pins	TY20001-06	2
14	Nuts bolt M8x16	GB70.1	1
15	Washer 8	GB97.1	1
16	Nuts bolt M6x16	GB70.1	1
17	Washer 6	GB97.1	1
18	Pump Assembly Plate	TY20005.2	1
19	Nuts bolt M12X30	GB5783	2
20	Press pump	TY20005.1	1
21	Bed Flat	TY20001-04	2
22	Heel Block	TY20001-03	2
23	Spreader	TY20001.3	1
24	Cylinder Support Plate	TY20001.2	1
25	Nuts bolt M16X35	GB5782	8
26	washer 16	GB97.1	8
27	Spring washer 16	GB93	8
28	Nuts M16	GB6170	8
29	Upper Crossbeam	TY20001-01	2
30	Nuts bolt M8X25	GB70	2
31	Press cylinder	TY20001Q.1	1
32	Nylon Ring 17X7.5X2.5	TY12001.1-15	1
33	Press Gauge	TY20001-08	1
34	Nuts bolt M10X130	GB5782	4
35	Support pins	TY20001-05	4

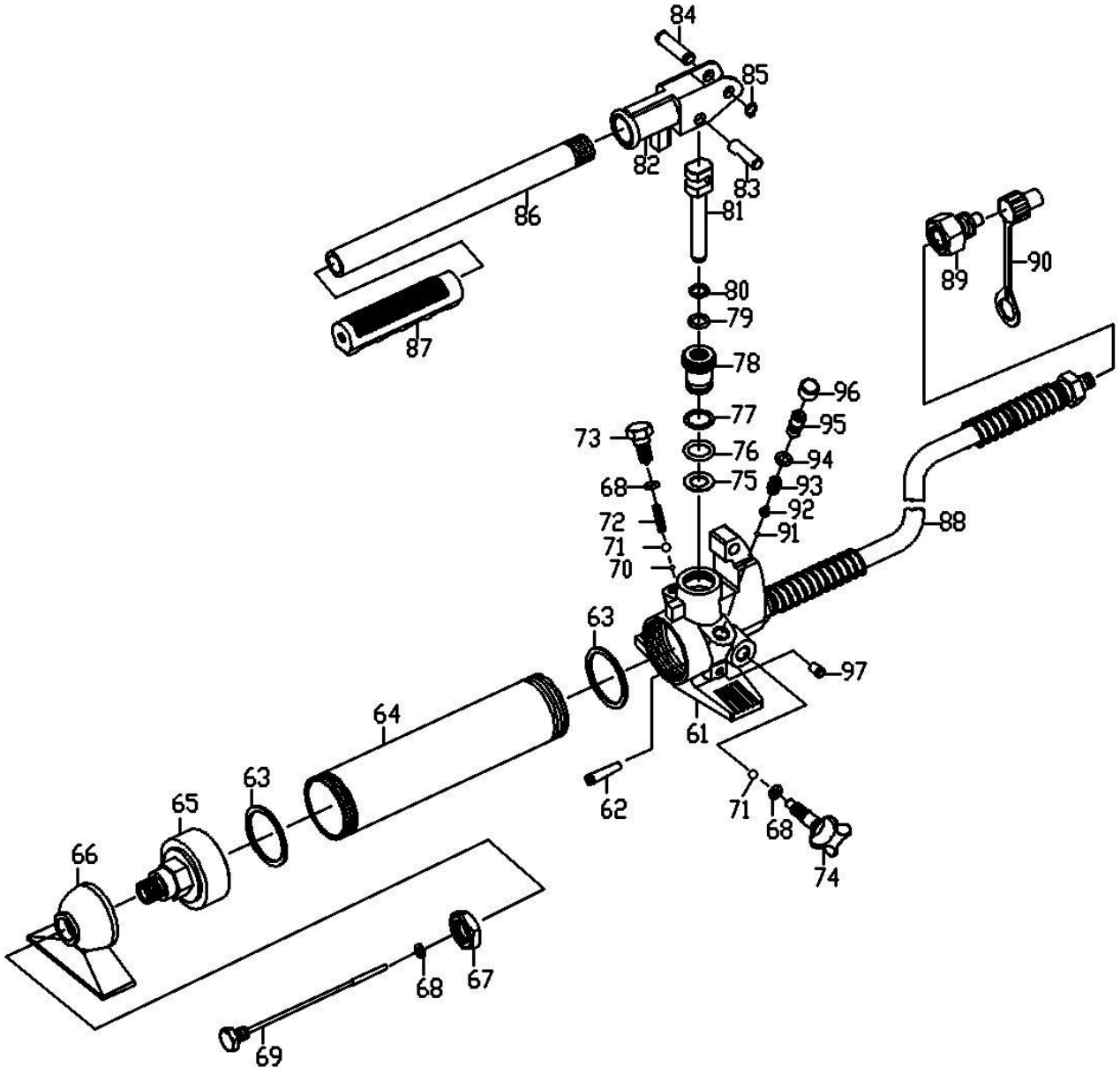
RAM ASSEMBLY DIAGRAM



RAM PARTS LIST

Index #	Description	Part No.	Qty.
36	Dust cap	QF4-34	1
37	Coupler and Connection Nut	QF4.6	1
38	Restructuring Bolt M8X30	TY20001Q.1-01	1
39	Cylinder	TY20001Q.1.1	1
40	Round Threaded Nut	TY20001.1-05	1
41	Round Lifting Ring	TY20001.1-04	1
42	Nut M8	GB6170	1
43	Spring	TY20001Q.1.2	1
44	Protecting cap	TY20001.1-01	1
45	Bolt M8X12	GB70-85	1
46	Rectangle ring	QLZ2C.6-17A	1
47	Retainer nut	TY20001.1-03	1
48	Bolt M6X12	GB77	1
49	Ram	TY20001.1-02	1
50	Rectangular ring 40X35.5X1.5	TY20001Q.1-2	1
51	0-ring 36x2.65	GB3452.1	1
52	Piston ring	TY20001.1-06a	1
53	Back ring 60X56X2	TY20001.1-10	1
54	Y-ring 60X50X9	TY20001.1-09	1
55	Spacing ring	TY20001.1-07	1
56	Bolt M6X6	GB77	1
57	Gauge connection nut	TY12001.1-13	1
58	Rectangular ring 17X7.5X2.5	TY12001.1-15	1
59	Gauge fixing nut	TY12001.1-14	1
60	Bolt M20x25	TY12001.1-17	1

PUMP ASSEMBLY DIAGRAM



PUMP ASSEMBLY PARTS LIST

Index #	Description	Part No.	Qty.
61	Base	TY12001.2-04	1
62	Filter	QF4-16	1
63	Seal	QF4-9	2
64	Reservoir	TY20005.1-01	1
65	Top Nut	QF4-10	1
66	Pump Foot	TY12001.2.5	1
67	Nut M18	GB6172-86	1
68	O-Ring 7.7X1.9	QLQ2.1-17	3
69	Dipstick	QF4.1	1
70	Ball Φ5	GB308-84	1
71	Ball Φ8	GB308-84	2
72	Spring	QF4-13	1
73	Screw M10X1	QF4-12	1
74	Release Valve Stem	QF4.2A	1
75	Seal	QF4-14	1
76	O-Ring 18X3.55G	GB3452.1-92	1
77	Seal	QF4-41	1
78	Clamping Nut	QF4-17	1
79	O-Ring 11.6x2.65	QF4-42	1
80	Seal	QF4-18	1
81	Piston	QF4-2	1
82	Socket	QF4-5a	1
83	Piston Pin	QF4-3	1
84	Pin Φ10	QF4-1	1
85	Snap Ring 10	GB894.1-86	1
86	Handle	TY20005.1-01	1
87	Handle Grip	QF4-7	1
88	Hose	TY12001.2.3	1
89	Coupling	QF4.4	1
90	Dust Cap	QF4-15	1
91	Ball Φ4	GB308-84	1
92	Spring Plunger	QLQ2.1-16	1
93	Spring	QLQ2.1-15	1
94	O-Ring 5.8X2.8	QLQ2.1-14	1
95	Screw M10X1	QF4-20	1
96	Plastic Cap	QF4-21	1
97	Screw M5	QF10-5	2

TROUBLESHOOTING

WILL NOT LIFT LOAD	WILL NOT HOLD LOAD	WILL NOT RETRACT	POOR LIFTING	WILL NOT LIFT TO FULL EXTENSION	CAUSES AND SOLUTIONS
✘	✘		✘		Release valve is not completely closed (Turn handle clockwise).
✘					Weight Capacity Exceeded.
✘			✘		Air is in the hydraulics. Purge air from system.
✘	✘		✘	✘	Low oil level. Add oil as required.
		✘			Oil reservoir is overfilled: Drain excessive oil. Lubricate moving parts.
		✘			Jack is binding or foreign obstruction
✘	✘		✘		Power unit malfunctioning. Replace the power unit.
✘			✘		Air Supply Inadequate (For Units supplied with air fittings and air pumps)

Safe Operating Temperature is between 40°F – 105°F (4°C - 41°C)

REPLACEMENT PARTS

For replacement parts Customer Service at **1-800-222-5381**. Not all equipment components are available for replacement; illustrations provided are a convenient reference of location and position in the assembly sequence. When ordering parts the following will be required: Model Number, Serial Number and Description.

The distributor reserves the rights to make design changes and or improvements to product lines and manuals without notice.

For replacement parts and technical questions, please call 1-800-222-5381.

Limited Warranty

Limited Warranty

Northern Tool and Equipment Company, Inc. ("We" or "'Us") warrants to the original purchaser only ("You" or “Your”) that the Strongway product purchased will be free from material defects in both materials and workmanship, normal wear and tear excepted, for a period of one year from date of purchase. The foregoing warranty is valid only if the installation and use of the product is strictly in accordance with product instructions. There are no other warranties, express or implied, including the warranty of merchantability or fitness for a particular purpose. If the product does not comply with this limited warranty, Your sole and exclusive remedy is that We will, at our sole option and within a commercially reasonable time, either replace the product without charge to You or refund the purchase price (less shipping). This limited warranty is not transferable.

Limitations on the Warranty

This limited warranty does not cover: (a) normal wear and tear; (b) damage through abuse, neglect, misuse, or as a result of any accident or in any other manner; (c) damage from misapplication, overloading, or improper installation; (d) improper maintenance and repair; and (e) product alteration in any manner by anyone other than Us, with the sole exception of alterations made pursuant to product instructions and in a workmanlike manner.

Obligations of Purchaser

You must retain Your product purchase receipt to verify date of purchase and that You are the original purchaser. To make a warranty claim, contact Us at 1-800-222-5381, identify the product by make and model number, and follow the claim instructions that will be provided. The product and the purchase receipt must be provided to Us in order to process Your warranty claim. Any returned product that is replaced or refunded by Us becomes our property. You will be responsible for return shipping costs or costs related to Your return visit to a retail store.

Remedy Limits

Product replacement or a refund of the purchase price is Your sole remedy under this limited warranty or any other warranty related to the product. We shall not be liable for: service or labor charges or damage to Your trailer incurred in removing or replacing the product; any damages, including, without limitation, damages to tangible personal property or personal injury, related to Your improper use, installation, or maintenance of the product; or any indirect, incidental or consequential damages of any kind for any reason.

Assumption of Risk

You acknowledge and agree that any use of the product for any purpose other than the specified use(s) stated in the product instructions is at Your own risk.

Governing Law

This limited warranty gives You specific legal rights, and You also may have other rights, which vary from state to state. Some states do not allow limitations or exclusions on implied warranties or incidental or consequential damages, so the above limitations may not apply to You. This limited warranty is governed by the laws of the State of Minnesota, without regard to rules pertaining to conflicts of law. The state courts located in Dakota County, Minnesota shall have exclusive jurisdiction for any disputes relating to this warranty.

Distributed by

Northern Tool + Equipment Co., Inc.

Burnsville, Minnesota 55306

NorthernTool.com

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